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<i>Auditors</i>		Dr. George Dixon, Charles P. Perot, S. Fisher Corlies,
<i>Committee of Curators</i>	.	Dr. J. Gibbons Hunt, Charles Zentmayer, Jacob Binder,
<i>Committee on Business</i>	.	Charles P. Perot, Charles Zentmayer, Dr. Charles Turnbull.

ROBT. J. HESS,
Recorder.

REPORT OF THE CONCHOLOGICAL SECTION.

The Recorder of the Conchological Section respectfully reports that during 1879 papers have been accepted and published in the Academy's Proceedings aggregating 90 pages, by authors as follows:—

W. G. Binney, 1 page.	Angelo Heilprin, 6 pages.
Andrew Garrett, 14 pages.	R. E. C. Stearns, 7 pages.
Dr. R. Bergh, 62 pages.	

On the 6th of last January the Section met with a severe loss in the death of the Rev. E. R. Beadle.

From its formation to the time of his death Dr. Beadle was the secretary of the Conchological Section, and his ability and extended acquaintance among scientists both at home and abroad went far towards making it a success. His loss will be deeply felt by many who, in common with ourselves, have been richly benefited by his acquaintance and influence.

The Conservator, Mr. George W. Tryon, Jr., reports that, during the year ending December 1, 2750 trays, containing 11,895 specimens of shells and mollusks, have been determined, labelled, mounted, and placed in the collection. The most of these belong to the Swift Collection, the arrangement of which, after three years' labor, is now completed. The Swift Cabinet was given to the Academy upon condition that it should not be incorporated with the general collection, and this condition is complied with by placing the specimens in drawers protected by glass tops, and

placed under the corresponding genera contained in the table cases. It is proposed to appropriately letter the fronts of these drawers, and then unlock them so that they may be opened by the public. The Swift Collection is rich in West Indian shells, and particularly so in terrestrial species: it comprises 7058 trays, containing 30,384 specimens. Mr. W. G. Binney has frequently favored us with specimens of rare American terrestrial mollusks during the year, so as to nearly complete our series of these shells. Dr. W. D. Hartman, of Westchester, who is preparing for publication a revision of the Partulidæ, has carefully examined our collection of these perplexing shells, and added a number of species. We are indebted to Dr. J. J. Brown for a good collection of marine shells from the Bahama Islands, and to Mr. Henry Vendryes for a fine series of Jamaica Miocene shells. A typical suite of the land shells collected by the late Wm. M. Gabb in Costa Rica is among the important additions to our Museum during the year. A detailed list of donations is annexed to this report.

The Section is again greatly indebted to Mr. Charles F. Parker for valuable assistance in preparing specimens for exhibition, the whole of the additions to the cabinet during the year having been mounted on tablets, and placed on appropriate paper trays by him. We are also much indebted to Mr. John Ford for preparing sections of shells for the purpose of showing their internal form. It is proposed to exhibit a section of a characteristic form in each genus, and Mr. Ford has kindly undertaken to prepare them for us.

The officers of the Section for 1880 are—

<i>Director</i>	.	.	.	W. S. W. Ruschenberger, M.D.
<i>Vice-Director</i>	.	.	.	John Ford.
<i>Recorder</i>	.	.	.	S. Raymond Roberts.
<i>Secretary</i>	.	.	.	John H. Redfield.
<i>Treasurer</i>	.	.	.	Wm. L. Mactier.
<i>Conservator</i>	.	.	.	George W. Tryon, Jr.

Respectfully submitted,

S. RAYMOND ROBERTS,

Recorder.

The following are the additions to the 'Conchological Cabinet received during 1879:—

- Binney, Wm. G. *Bythinia tentaculata*, from Champlain Canal, W. Troy, New York; *Unio heterodon*, Mixville, Conn.; *Sphærium rhomboideum*, *Helix Rugeli*, and *H. Andrewsii*, Roan Mt., N. C.; *H. globulus*, *H. vernicosa*, and *H. rari-plicata*, Cape Town, S. Africa; *H. oppilata* and *H. Buffoniana*, Mexico; 20 species N. Am. Helices, new to the collection; *Bulimus Natalensis*, Cape Town; *Urocyclus* and *Veronicella*, from Mozambique; *Simpulopsis corrugatus* and jaws and tongues of *Ampullaria urceus*, Trinidad; *Vittrina latissima*, *Onchidella Carpenteri*.
- Bland, Thomas. 3 species of land shells from Curaçoa; 7 species marine shells from the tertiary of Jamaica.
- Brown, Dr. J. J. 60 species marine shells, mostly collected by him at the Bahama Islands.
- Calkins, W. W. *Cylindrella Guigonana*, Haiti.
- De Tarr and Beecher. *Planorbis costatus*, types.
- Fisher, Dr. Jas. L. (Nagasaki). *Soletellina Buddinghausii*, Japan.
- Ford, John. Beautifully prepared sections of *Nautilus Pompilius*, and of 32 prosobranchiate Gasteropod shells; *Helix tridentata*, *H. alternata*, and *H. albolabris*, from Three Sisters' Islands, Niagara Falls; *Crepidula fornicata*, *C. unguiformis*, *Anomia ephippium*, Sandy Hook, N. J.
- Gabb, Wm. M. 43 species (numerous specimens) terrestrial and fluviatile shells, principally types of species recently described by Messrs. G. F. Angas and W. G. Binney. Collected by Mr. Gabb in Costa Rica.
- Hartman, Dr. W. D. *Partula recta* and *bicolor*; 16 species (49 specimens) of *Partula*; *Unio* from Japan, and *Cardium*, nov. sp. from Viti Isles.
- Jones, Dr. W. H. Mollusks dredged by him at Havre, France, etc.
- Lea, Dr. Isaac. *Unio Irwinensis* and *U. differtus*, Ilea.
- Lewis, Dr. James. *Bythinia tentaculata*, Oswego, New York.
- Leidy, Dr. Joseph. *Mactra solidissima*, abnormal growth, Brigantine Beach, N. J.
- Mactier, W. L. *Lacuna divaricata*, Nantucket.
- Mickleborough, John. A collection of Silurian fossil shells from the Cincinnati Group, Cincinnati, Ohio.
- Munroe, Prof. C. E. 5 species of Eocene shells, from Maryland.

Peale, Titian R. *Limax maximus*, New York City.

Pike, Prof. J. W. Silurian shells, from Richmond, Ind.

Shaffer, Miss M. *Loligo Pealei*, from a black fish caught in Delaware Bay.

Stearns, R. E. C. 12 species land and marine shells, from California and Japan.

Stein, Frederick. *Goniobasis papillosa*, from Florida.

Tryon, Geo. W., Jr. 137 species of terrestrial mollusks (of which 70 are new to the collection), collected by Andrew Garrett in the islands of Central Polynesia.

Vendryes, Henry. Kingston, Jamaica. A typical collection of 88 species of Miocene shells, from the island of Jamaica.

Webb, H. W. 18 specimens (55 species) of terrestrial mollusks, from Balsas, Valley of Marañon, Peru.

REPORT OF THE ENTOMOLOGICAL SECTION.

The Section reports that its meetings have been regularly held during the past year on the second Friday evening of each month excepting in July and August. In December the meeting takes place immediately after that of the American Entomological Society on the second Wednesday evening.

The membership is now thirty, having been increased during the year by the admission of Geo. B. Cresson.

The average attendance at the meetings has been six.

At all of the meetings scientific communications have been made by the members, either in the form of verbal remarks or written papers, the authors in the latter case presenting verbally, in brief, the more important points of their papers.

Among the more interesting communications may be mentioned those presented by Rev. Dr. McCook, on the Honey Ant of our western country, the habits being now very fully made known through his untiring industry under unfavorable surroundings.

Written communications have been presented as follows: "Descriptions of new species of North American Hymenoptera," "Catalogue of North American Apidæ," both by E. T. Cresson; "On the Chrysides of North America," by Edw. Norton; "Catalogue of the Mutillidæ of North America, with description of new species," by Chas. A. Blake; "Synopsis of the Monotomidæ of the